



# Hot Topics

in Neonatology

ENROLL FOR THE PRE-CONFERENCE  
**Neonatal Quality at Hot Topics**

Join us for **TWO** great conferences over four days:  
**December 2 – 5, 2018**

Marriott Marquis | Washington, D.C.

Nemours<sup>®</sup>

# PRE-CONFERENCE FACULTY

## CHAIRS

### Munish Gupta, MD, MMSc

Assistant Professor of Pediatrics  
Harvard Medical School  
Director of Quality, Department of Neonatology  
Beth Israel Deaconess Medical Center  
Boston, Massachusetts

### Stephen A. Pearlman, MD, MSHQS

Clinical Professor of Pediatrics  
Sidney Kimmel Medical College at  
Thomas Jefferson University  
Quality and Safety Officer, Event Management  
and Women and Children's Services  
Attending Neonatologist  
Christiana Care Health System  
Newark, Delaware

## KEYNOTE SPEAKER

### John A. F. Zupancic, MD, ScD

Chair, AAP Section on Neonatal Perinatal Medicine  
Associate Professor of Pediatrics  
Harvard Medical School  
Boston, Massachusetts

## FACULTY

### Sonia Lomeli Bonifacio, MD

Clinical Associate Professor  
Stanford University School of Medicine  
Division of Neonatal & Developmental Medicine  
Stanford, California

### Annie Janvier, MD, PhD

Associate Professor of Pediatrics  
and Clinical Ethics  
Neonatology, Clinical Ethics Unit  
Palliative Care Unit  
Hôpital Sainte-Justine  
Montréal, Québec, Canada

### Heather Kaplan, MD, MSCE

Associate Professor of Pediatrics  
University of Cincinnati College of Medicine  
Cincinnati Children's Hospital Medical Center  
Cincinnati, Ohio

### Martin J. McCaffrey, MD, CAPT USN (Ret)

Professor of Pediatrics  
University of North Carolina at Chapel Hill  
Director, Perinatal Quality Collaborative  
of North Carolina (PQCNC)  
Chapel Hill, North Carolina

### Jeffrey M. Meyers, MD

Associate Professor of Pediatrics  
Medical Director, NICU  
University of Rochester Medical Center  
Golisano Children's Hospital  
Rochester, New York

### Ravi Mangal Patel, MD, MSc

Associate Professor of Pediatrics  
Division of Neonatology  
Emory University School of Medicine  
Children's Healthcare of Atlanta  
Atlanta, Georgia

### Michael A. Posencheg, MD

Medical Director, Intensive Care Nursery  
Hospital of the University of Pennsylvania  
Associate Chief Medical Officer  
Value Improvement, Penn Medicine  
Professor of Clinical Pediatrics  
Perelman School of Medicine at the  
University of Pennsylvania  
Philadelphia, Pennsylvania

### Kate Robson, MEd

Parent Coordinator, NICU  
Sunnybrook Health Sciences Centre  
Director, Canadian Premature Babies Foundation  
Toronto, Ontario, Canada

### Shannon Tinkler, RN, BSN, RNC-NIC

NeuroNICU Educator  
Stanford Children's Health  
Lucile Packard Children's Hospital  
Stanford, California

### Shmuel Zangen, MD

Director of Neonatology Department  
Barzilai Medical Center  
Ben-Gurion University  
Ashkelon, Israel

# PRE-CONFERENCE SCHEDULE

## Neonatal Quality at Hot Topics

### Saturday, December 1, 2018

2 – 4 p.m. Registration

### Sunday, December 2, 2018

7 a.m. Registration and Continental Breakfast

8 a.m. Welcome – *Munish Gupta, MD, MMSc and Stephen A. Pearlman, MD, MSHQS*

8:05 a.m. **Keynote Address:** Bridging the Divide Between Research and Quality Improvement – *John A. F. Zupancic, MD, ScD*

### Panel Discussion – Deeper Dives Into Quality Improvement Methods

9:05 a.m. The Model for Improvement: Not as Simple as It Looks – *Munish Gupta, MD, MMSc*

9:25 a.m. Does the Model Matter? A Comparison of Lean, Six Sigma, and the Model for Improvement – *Heather Kaplan, MD, MSCE*

9:45 a.m. Tools to Develop Change Ideas When Your Well Has Run Dry – *Michael Posencheg, MD*

10:05 a.m. Discussion

10:20 a.m. **Break/Refreshments**

### Panel Discussion – Collaboration Improves Quality Improvement

10:40 a.m. What a **CRUE** Can Do for You: Experiences From the NYS Thruway Collaborative to Reduce Unplanned Extubations – *Jeffrey M. Meyers, MD*

11 a.m. If We Build It They Will Come: Transforming Care via State Perinatal Quality Collaboratives – *Martin McCaffrey, MD*

11:20 a.m. It's All About Context! Reflections on the Israel Neonatal Infection Prevention Project – *Shmuel Zangen, MD*

11:40 a.m. Discussion

11:55 a.m. Top Abstract Presentations

12:30 p.m. **Lunch**

1:45 p.m. **Concurrent Session 1**

Family QI Bootcamp: Practical Approaches for Improving the NICU Parent Experience – *Annie Janvier, MD, PhD; Kate Robson, MEd*

Improvement Opportunities in Neonatal Transfusion Medicine – *Ravi M. Patel, MD, MSc; John A. F. Zupancic, MD, ScD*

Beyond Cooling: Optimizing Neurologic Care for Newborns – *Sonia Lomeli Bonifacio, MD; Shannon Tinkler, RN, BSN, RNC-NIC*

The Ins and Outs of Publishing Your Quality Improvement Projects – *Heather Kaplan, MD, MSCE; Stephen A. Pearlman, MD, MSHQS; Michael Posencheg, MD*

3 p.m. **Break**

3:15 p.m. **Concurrent Session 2**

Family QI Bootcamp: Practical Approaches for Improving the NICU Parent Experience – *Annie Janvier, MD, PhD; Kate Robson, MEd*

Improvement Opportunities in Neonatal Transfusion Medicine – *Ravi M. Patel, MD, MSc; John A. F. Zupancic, MD, ScD*

Beyond Cooling: Optimizing Neurologic Care for Newborns – *Sonia Lomeli Bonifacio, MD; Shannon Tinkler, RN, BSN, RNC-NIC*

The Ins and Outs of Publishing Your Quality Improvement Projects – *Heather Kaplan, MD, MSCE; Stephen A. Pearlman, MD, MSHQS; Michael Posencheg, MD*

4:30 p.m. **Adjourn/Poster Session**

# Hot Topics in Neonatology® Conference Faculty

## CHAIR

### Jay S. Greenspan, MD, MBA

Robert L. Brent Professor and Chairman  
Department of Pediatrics  
Sidney Kimmel Medical College at  
Thomas Jefferson University  
Pediatrician-in-Chief  
Nemours/Alfred I. duPont Hospital for Children  
Wilmington, Delaware

## CHAIR

### Haresh Kirpalani, MD, MSc

Emeritus Professor of Pediatrics  
Perelman School of Medicine at the  
University of Pennsylvania  
Philadelphia, Pennsylvania  
Emeritus Professor of Pediatrics  
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## KEYNOTE SPEAKER

### Kevin A. Strauss, MD

Medical Director  
Clinic for Special Children  
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## SPEAKERS

### Steven H. Abman, MD

Professor of Pediatrics  
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Director, Pediatric Heart Lung Center  
Children's Hospital Colorado  
Aurora, Colorado

### Roberta A. Ballard, MD

Professor of Pediatrics  
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### Joe Brierley, MD

Honorary Fellow  
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Consultant Intensivist and  
Director of Paediatric Bioethics  
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### Tarah Colaizy, MD, MPH

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### The Honorable Jaime Herrera Beutler

Congresswoman for Southwest Washington's  
3rd District

### Erik Jensen, MD, MSCE

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### Roberto Romero, MD, DMedSci

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### Renate Savich, MD, FAAP

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Neonatologist  
Leiden University Medical Center  
Leiden, The Netherlands

### Robert D. Truog, MD, MA

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Anaesthesiology and Pediatrics  
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## MODERATORS

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### Jay S. Greenspan, MD, MBA

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Director, Center for Pediatric Lung Research  
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### Robin H. Steinhorn, MD

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George Washington University  
Senior Vice President  
Children's National Health System  
Washington, D.C.

### Myra Wyckoff, MD

Professor of Pediatrics  
University of Texas Southwestern Medical Center  
Director of Newborn Resuscitation Services  
Parkland Memorial Hospital  
Dallas, Texas

### John A. F. Zupancic, MD, ScD

Chair, AAP Section on Neonatal Perinatal Medicine  
Associate Professor of Pediatrics  
Harvard Medical School  
Boston, Massachusetts

# CONFERENCE SCHEDULE

## HOT TOPICS IN NEONATOLOGY®

### Sunday, December 2, 2018

3 – 5 p.m. Registration

### Monday, December 3, 2018

7 a.m. Registration/Continental Breakfast/Exhibits

7:45 a.m. Welcome and Introduction – *Jay S. Greenspan, MD, MBA and Hareesh Kirpalani, MD, MSc*

#### Golden Hour Pulmonology Management

Moderator – *Myra Wyckoff, MD*

8 a.m. Tidal Volume Monitoring in the DR – *Arjan Te Pas, MD, PhD*

8:20 a.m. The Sustained Aeration of the Infant Lung - The SAIL Trial – *Hareesh Kirpalani, MD, MSc*

8:40 a.m. Helping Preterm Babies to Breathe After Birth: Short- and Long-Term Consequences – *Lex Doyle, MD*

9 a.m. Panel/Debate

9:30 a.m. Break/Posters/Exhibits

#### Green or Rotten Apples

Moderator – *Joe Kaempf, MD*

10 a.m. Surfactant Plus Budesonide to Prevent BPD\* – *Brett Manley, MB BS, PhD*

10:30 a.m. Extensive Antibiotic Use and Reservoirs of Multi Drug Resistance\* – *M Jeeva Sankar, MD, DM*

11 a.m. The Case for Point-of-Care Ultrasound in Neonatology\* – *María V. Fraga, MD*

11:30 a.m. When Evidence and Practice Diverge\* – *Roger F. Soll, MD*

Noon Lunch (on your own) /Posters/Exhibits

#### Keynote Session

Moderator – *Jay Greenspan, MD, MBA*

1:30 p.m. Early Nutrition - First, Do No Harm\* – *Alan Lucas, MD, FMedSci*

2 p.m. Self-Reported Quality of Life in 11-Year-Old Children for Apnea of Prematurity (CAP) Trial Children. – *Barbara Schmidt, MD, MSc, CM*

2:30 p.m. Plain People and Precision Medicine – *Kevin A. Strauss, MD*

3:15 p.m. Break/Posters/Exhibits

#### Access to Therapy with Low Probability of Success

Moderator – *Robin H. Steinhorn, MD*

3:45 p.m. A Parent's Perspective – *Congresswoman Jaime Herrera Beutler*

4:05 p.m. Recent High-Profile International Controversies in Innovative Therapies – *Joe Brierley, MD*

4:25 p.m. Ethical Principles – *Robert D. Truog, MD, MA*

4:45 p.m. Case Discussion – *Marva Moxey-Mims, MD, FASN*

4:55 p.m. Panel (*all speakers in this session plus Tonse Raju, MD, DCH*)

5:45 p.m. Adjourn

6 p.m.  RECEPTION

\* Talk includes 10 minutes for audience questions and discussion.

### Tuesday, December 4, 2018

7 a.m. Registration/Continental Breakfast/Exhibits

#### BPD and PHT

Moderator – *Thomas H. Shaffer, MSE, PhD*

8 a.m. Classification of BPD Using Clinically Relevant Outcomes\* – *Erik Jensen, MD, MSCE*

8:30 a.m. Recent Advances in the Management of Pulmonary Hypertension in BPD\* – *Steven H. Abman, MD*

9 a.m. Cell-Based Therapy for BPD\* - What Is Needed Now – *Mario Rüdiger, MD*

9:30 a.m. Break/Posters/Exhibits

#### Nutrition

Moderator – *Avroy A. Fanaroff, MD*

10 p.m. Hydrolyzed Formulae\* – *Tarah Colaizy, MD, MPH*

10:30 p.m. TRIGGER Trial\* – *Mikael Knip, MD, PhD*

11 p.m. Large Trials vs. Small Trials\* – *Jeffrey Krischer, PhD*

11:30 p.m. Lunch (on your own) /Posters/Exhibits

#### Green or Rotten Apples

Moderator – *Hareesh Kirpalani, MD, MSc*

1 p.m. Advances in High-Frequency Oscillatory Ventilation: The DOVE Trial\* – *Martin Keszler, MD*

1:30 p.m. iNO and Race in the Prevention of BPD in the Preterm Infant\* – *Roberta Ballard, MD*

2 p.m. Breast Milk/Human Fortifiers\* – *Deborah O'Connor, PhD, RD, and Sharon Unger, MD, FRCP*

2:30 p.m. Blood Test May Predict Gestational Age and Identify Pregnant Women at Risk of Premature Birth\* – *Mira Moufarrej, PhD Candidate*

3 p.m. Break/Posters/Exhibits

#### Recent News from the AAP

Moderator – *John A. F. Zupancic, MD, ScD*

3:30 p.m. Fellow Presentation

3:45 p.m. Fellow Presentation

4 p.m. Fellow Presentation

4:15 p.m. Symptomatic GER in the Preterm Infant: Fantasy or Real?\* – *Eric C. Eichenwald, MD*

4:45 p.m. Racial Disparities Impacting Neonatal and Pregnancy Outcomes – *Renate Savich, MD, FAAP*

5:05 p.m. Disparities in NICU Care - Time for Action – *Jochen Profit, MD, MPH*

5:25 p.m. Q&A – *Renate Savich, MD, FAAP, and Jochen Profit, MD, MPH*

5:35 p.m. Adjourn

### Wednesday, December 5, 2018

7 a.m. Registration/Continental Breakfast/Exhibits

#### Perinatology

Moderator – *Richard A. Polin, MD*

8 a.m. Antenatal Steroids: Which Drug and Dose?\* – *Alan H. Jobe, MD, PhD*

8:30 a.m. Sterile Inflammation and the Inflammasome\* – *Roberto Romero, MD, DMedSci*

9 a.m. New Measures of Organ Maturity in the Fetus\* – *Beena Kamath-Rayne, MD, MPH*

9:30 a.m. Prevention of Preterm Birth\* – *John Newnham, MD, FRANZCOG*

10 a.m. Pregnancy as a Window to Future Health\* – *George R. Saade, MD*

10:30 a.m. Break/Exhibits

#### If, When and How to Close a PDA in Preterm Infants

Moderator – *Barbara Schmidt, MD, MSc, CM*

11 a.m. Debate: Echo Targeted Therapy for a PDA Is the Standard of Care

Con: *Matthew M. Laughon, MD, MPH*

Pro: *Patrick McNamara, MD*

11:50 a.m. Discussion

12:15 p.m. Adjourn



# GENERAL INFORMATION

## Site

The program will be held at the Marriott Marquis in Washington, D.C. The hotel is designed to reflect its surroundings and has four on-property restaurants. Conveniently located near Penn Quarter, D.C. City Center, Capital One Arena, Union Station, Chinatown and the National Mall, this downtown Washington hotel makes it easy to explore the city's best attractions.

For more information, please visit [www.HotTopics.org](http://www.HotTopics.org) and click on the hotel tab.

## Accommodations

Rooms have been reserved at the Marriott Marquis Washington D.C., at a special conference rate of \$282 per night single or double occupancy, not including sales tax. Please make your reservations through the Marriott Marquis' Reservation Department at (855) 821-4281 or through the [www.HotTopics.org](http://www.HotTopics.org) website. Please ask to be assigned to the *Hot Topics in Neonatology*® room block in order to receive the special conference rate. The conference rate is only available for reservations made before Monday, November 5, 2018, and is based on availability. Group rates will be offered three (3) days prior and (3) days after the meeting dates, based on availability.



The hotel often sells out well before the conference date. Please reserve your hotel room and make your conference registration early!

## Accreditation

Nemours is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Nemours designates this live activity for a maximum of **24.0 AMA PRA Category 1 Credits™**. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

## Learning Objectives

The goal of *Neonatal Quality at Hot Topics* is to help neonatal clinicians improve the bedside care they provide to newborns and their families. It will open with a keynote address by a national leader exploring bridging the divide between research and quality improvement. Two expert panel discussions will focus on deeper dives into quality improvement methods and on how collaboration improves quality improvement. Afternoon breakout sessions will include workshops on practical approaches for improving the NICU parent experience; improvement opportunities in neonatal transfusion medicine; optimizing neurologic care for newborns; and the ins and outs of publishing your quality improvement projects.

The faculty at *Hot Topics in Neonatology*® will review current levels of evidence and practice in the areas of neonatology and perinatology. The program will include talks and discussion on the newest research on the diagnosis, prevention and treatment of health problems in the neonate, as well as long-term follow-up for the NICU graduate. *Hot Topics* seeks to involve clinicians from around the globe in the debate around both existing and emerging therapies and neonatal science, with the goal of providing clinicians with implementable practice change.

## Posters

Posters for both the Quality and Hot Topics conferences will be accepted for continuous display during the conference. Posters must be on a subject relating to the field of neonatology.

The presenters for abstracts that are selected for posters will be required to register for the conference. The conference will not provide an honorarium or reimburse travel, hotel, and/or related expenses.

The deadline for abstract submission is September 15, 2018.

## Awards

Any clinician is welcome to submit an abstract for consideration, but fellows and nurses are eligible to submit for an award that would include complimentary *Neonatal Quality at Hot Topics/Hot Topics in Neonatology*® conference registration and hotel accommodations at the Marriott Marquis for up to four nights during the conference. Abstracts that are selected for a podium presentation must have the potential to be impactful on clinical care on a national and/or international level.

## Poster Sessions

Both the *Neonatal Quality at Hot Topics* conference and *Hot Topics in Neonatology*® will be hosting poster sessions. There will be a *Neonatal Quality at Hot Topics* poster session on Sunday, December 2, from 4:30 – 5:30 p.m. and a *Hot Topics in Neonatology*® poster session on Monday, December 3, from 6–7 p.m. We hope that you will plan to join us!

For more information on abstract requirements and submission, please check our website at [www.HotTopics.org](http://www.HotTopics.org).

## Syllabus

In the interest of running a greener meeting, all registrants will have access to an online syllabus, which can be viewed from a computer, smartphone or tablet before or during the conference. There will be free Wi-Fi in the meeting rooms.



**PLEASE NOTE:** We will not offer a print syllabus this year.

## Americans with Disabilities Act

In accordance with the Americans with Disabilities Act, the duPont Hospital for Children will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact the Office of Continuing Medical Education at least 15 days in advance of the program at (302) 651-6750.

# COURSE REGISTRATION

## Fees

The conference registration fee for the *Neonatal Quality at Hot Topics* Pre-conference is \$100 for fellows, residents, nurses and allied health, and \$200 for all other registrants.

The conference registration fee for *Hot Topics in Neonatology*® is \$525 for fellows, residents, nurses and allied health, and \$775 for all other registrants.

These fees include all course materials and refreshments as noted on the schedule. There is no additional charge for CME credit.

## REGISTRATION DISCOUNTS AVAILABLE!

There is a discount of \$100 for clinicians who are a member of the Trainee and Early Career Neonatologist (TECaN) group of the AAP Section on Neonatal and Perinatal Medicine.

The discount code will be shared directly with group members by TECaN. This discount can only be applied to the *Hot Topics in Neonatology*® conference. It cannot be applied to the Neonatal Quality at Hot Topics conference. It is only available to attendees who register online at [www.HotTopics.org](http://www.HotTopics.org) with the discount code.

## Registration

Advance registration is required and should be received by November 2, 2018. All registrations received by this date will be confirmed via e-mail. Registration is limited and will be honored in the order received.

**TO REGISTER WITH A CHECK:** Return the completed registration form with full payment using check (payable to Nemours/Alfred I. duPont Hospital for Children) to the Continuing Medical Education Office, duPont Hospital for Children, PO Box 269, Wilmington, DE 19899.

**TO REGISTER WITH A CREDIT CARD:** If you are paying by Mastercard, VISA, American Express or Discover, please complete the registration form found online at [www.HotTopics.org](http://www.HotTopics.org).

## Cancellation Policy

A refund, less a \$100 processing fee, will be given for WRITTEN cancellations received before November 2, 2018. No refunds will be given after this date. Nemours is not responsible for any cancellation or change fees assessed by hotels, airlines or travel agencies.

## Disclosure Policy

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## For More Information

CONTACT KAREN BIDUS, (302) 651-6752, or [Karen.Bidus@nemours.org](mailto:Karen.Bidus@nemours.org)

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# REGISTRATION FORM

# Hot Topics in Neonatology®

Neonatal Quality at Hot Topics  
December 2, 2018

*Hot Topics in Neonatology®*  
December 3 – 5, 2018

Registration Deadline: **November 2, 2018**

Register with credit card online at [www.HotTopics.org](http://www.HotTopics.org) (Visa, Mastercard, American Express or Discover)

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*(Your confirmation will be emailed.)*

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## FEES: Full payment is due with registration

### NEONATAL QUALITY AT HOT TOPICS – December 2, 2018

\_\_\_\_\_ \$100 for fellows, residents, nurses and allied health

\_\_\_\_\_ \$200 all other registrants

*Quality Conference attendees, choose your concurrent sessions below.  
Please choose one topic in each session (Sessions 1 & 2):*

#### Concurrent Session 1 – 1:45 p.m. – 3:00 p.m.

\_\_\_\_\_ Family QI Bootcamp: Practical Approaches for Improving the NICU Parent Experience

\_\_\_\_\_ Improvement Opportunities in Neonatal Transfusion Medicine

\_\_\_\_\_ Beyond Cooling: Optimizing Neurologic Care for Newborns

\_\_\_\_\_ The Ins and Outs of Publishing Your Quality Improvement Projects

#### Concurrent Session 2 – 3:15 p.m. – 4:30 p.m.

\_\_\_\_\_ Family QI Bootcamp: Practical Approaches for Improving the NICU Parent Experience

\_\_\_\_\_ Improvement Opportunities in Neonatal Transfusion Medicine

\_\_\_\_\_ Beyond Cooling: Optimizing Neurologic Care for Newborns


\_\_\_\_\_ The Ins and Outs of Publishing Your Quality Improvement Projects

### HOT TOPICS IN NEONATOLOGY® – December 3 – 5, 2018

\_\_\_\_\_ \$525 for fellows, residents, nurses and allied health

\_\_\_\_\_ \$775 for all other registrants

**SYLLABUS:** An ONLINE SYLLABUS accessible by smartphone, tablet or computer will be available to all registrants, and there will be Internet available in the conference rooms.

 **PLEASE NOTE:** We will not offer a print syllabus this year.

Enclosed is my check for \$ \_\_\_\_\_ made payable to Nemours in U.S. Dollars. *Please include name of registrant on memo line.*

#### Send check and completed registration form to:

Nemours/Alfred I. duPont Hospital for Children

**Attn:** Office of Continuing Medical Education

PO Box 269, Wilmington, DE 19899

REGISTRATION DEADLINE  
**November 2, 2018**

#### FOR MORE INFORMATION

Contact Karen Bidus, (302) 651-6752, or [Karen.Bidus@nemours.org](mailto:Karen.Bidus@nemours.org)

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